

Datasheet for ABIN4923019

## Human SSX7 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	SSX7
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human SSX7 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	567 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAACGGAG ACGACGCCTT TGCAAGGAGA CCTAGGGCTG GTGCTCAAAT ACCAGAGAAG ATCCAAAAGT CCTTCGATGA TATTGCCAAA TACTTCTCTA AGAAAGAGTG GGAAAAGATG AAATCCTTGG AGAAAATCAG CTATGTGTAT ATGAAGAGAA AGTATGAGGC CATGACTAAA CTAGGCTTCA AGGCCACCCT CCCACCTTTC ATGCATAATA CAGGGGCCAC AGACCTCCAG GGGAATGATT TTGATAATGA CCGTAACCAA GGAATCAGG TTGAACGTCC TCAGATGACT

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## Product Details

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TTTTGCAGGC TCCAGAGAAT CTTCCCGAAG ATCATGCCCA AGAAGCCAGC AGAGGAAGGA  
AATGATTCTGA AGGGAGTGCC AGAAGCATCT GGCTCACAGA ACGATGGGAA ACACCTGTGC  
CCTCCAGGAA AACCAAGTAC CTCTGAGAAG ATTAACAAGA CATCCGGACC CAAAAGGGGG  
AAACATGCCT GGACCCACAG ACTGCGTGAG AGAAAGCAGC TGGTGATTTA TGAAGAGATC  
AGCGACCCTG AAGAAGACGA CGAGTAA

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Sequencing Primer: 

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

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Gene: SSX7

Alternative Name: SSX7 ([SSX7 Products](#))

Background: The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneously humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. SSX1, SSX2 and SSX4 genes have been involved in the t(X,18) translocation characteristically found in all synovial sarcomas. This gene appears not to be involved in this type of chromosome translocation. [provided by RefSeq, Jul 2008].

Gene ID: 280658

NCBI Accession: [NM\\_173358](#)

## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Storage: RT/-20 °C

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Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

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Expiry Date: 12 months

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## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)